

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S27   | 288  | (photomask) and sputter\$5   | JPO                          | OR               | ON      | 2006/02/02 09:04 |
| S28   | 9    | (photomask) and sputter\$5 and rotat\$5  | JPO                          | OR               | ON      | 2006/02/02 08:37 |
| S29   | 985  | (photomask) and sputter\$5 and rotat\$5  | USPAT                        | OR               | ON      | 2006/02/02 08:42 |
| S30   | 444  | (photomask) and sputter\$5 and rotat\$5 and (target or cathode)  | USPAT                        | OR               | ON      | 2006/02/02 08:40 |
| S31   | 105  | (photomask) and sputter\$5 and rotat\$5 and (target or cathode) and offset   | USPAT                        | OR               | ON      | 2006/02/02 08:40 |
| S32   | 1    | (photomask) and sputter\$5 and rotat\$5  | EPO;<br>IBM_TDB              | OR               | ON      | 2006/02/02 08:43 |
| S33   | 3    | (photomask) and sputter\$5 and rotat\$5  | DERWENT                      | OR               | ON      | 2006/02/02 08:55 |
| S34   | 6    | (photomask) and sputter\$5   | EPO                          | OR               | ON      | 2006/02/02 09:05 |
| S35   | 176  | (photomask) and sputter\$5   | DERWENT                      | OR               | ON      | 2006/02/02 09:11 |
| S36   | 0    | rotat\$5 and "5981109".pn.   | USPAT                        | OR               | ON      | 2006/02/02 09:12 |
| S37   | 1    | "6756160".pn.  | USPAT                        | OR               | OFF     | 2006/02/02 09:18 |
| S38   | 4    | ("20020119378"   "4890309"   "5897977"   "6335124").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:24 |
| S40   | 742  | photomask and sputter\$5 and (rotat\$5 same (substrate or workpiece))  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:36 |
| S41   | 619  | photomask and sputter\$5 and (rotat\$5 same (substrate or workpiece)) and (source or target or cathode)                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:27 |
| S42   | 619  | photomask and sputter\$5 and (rotat\$5 same (substrate or workpiece)) and (source or target or cathode)                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:27 |
| S43   | 0    | (Phase adj shifting adj blank) and sputter\$5 and ((rotate or rotating or rotated) same (substrate or workpiece))      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:36 |
| S44   | 114  | (blank\$2) and (phase adj shift\$5) and sputter\$5 and ((rotate or rotating or rotated) same (substrate or workpiece)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/02/02 09:46 |
| S45   | 1    | JP-07140635-\$.did.  | JPO                          | OR               | OFF     | 2006/02/02 09:43 |
| S46   | 1    | (blank\$2) and (phase adj shift\$5) and sputter\$5 and ((rotate or rotating or rotated) same (substrate or workpiece)) | EPO; JPO                     | OR               | OFF     | 2006/02/02 09:46 |

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| S47 | 0   | (blank\$2) and (phase adj shift\$5) and sputter\$5 and ((rotate or rotating or rotated) same (substrate or workpiece))            | DERWENT                                   | OR | OFF | 2006/02/02 09:46 |
| S48 | 60  | (blank\$2) and (phase adj shift\$5) and sputter\$5  | EPO; JPO                                  | OR | OFF | 2006/02/02 09:49 |
| S49 | 74  | (phase adj shift\$5) and sputter\$5 and mask  | JPO                                       | OR | OFF | 2006/02/02 09:50 |
| S50 | 73  | (phase adj shift\$5) and sputter\$5 and mask  | DERWENT                                   | OR | OFF | 2006/02/02 09:57 |
| S51 | 2   | ("6286452" "6475354").PN.   | USPAT                                     | OR | OFF | 2006/02/02 09:58 |
| S52 | 1   | ("6086728").PN.   | USPAT                                     | OR | OFF | 2006/02/02 09:59 |
| S53 | 1   | "20020106830"   | US-PGPUB                                  | OR | OFF | 2006/02/02 10:04 |
| S54 | 7   | (photomask) and rotat\$5 and (substrate or workpiece) and deposit\$5  | JPO                                       | OR | OFF | 2006/02/02 10:05 |
| S55 | 3   | (photomask) and rotat\$5 and (substrate or workpiece) and deposit\$5  | DERWENT                                   | OR | OFF | 2006/02/02 10:06 |
| S57 | 798 | (photomask) and rotat\$5 and (substrate or workpiece) and deposit\$5 and sputter\$5   | USPAT                                     | OR | OFF | 2006/02/02 10:06 |
| S59 | 317 | (photomask) and (rotat\$5 same (substrate or workpiece)) and deposit\$5 and sputter\$5 and (target\$2 or source\$2 or cathode\$5) | USPAT                                     | OR | OFF | 2006/02/02 10:10 |
| S60 | 36  | 204/298.28.ccls.  | JPO                                       | OR | OFF | 2006/02/02 10:12 |
| S61 | 13  | "204"/\$.ccls. and photomask  | JPO                                       | OR | OFF | 2006/02/02 10:13 |
| S62 | 45  | 204/298.26.ccls.  | EPO; JPO; DERWENT                         | OR | OFF | 2006/02/02 10:16 |
| S63 | 37  | 204/298.28.ccls.  | EPO; JPO; DERWENT                         | OR | OFF | 2006/02/02 10:18 |
| S64 | 40  | 204/298.18.ccls.  | EPO; JPO; DERWENT                         | OR | OFF | 2006/02/02 10:20 |
| S65 | 67  | 204/298.18.ccls. and (rotat\$5 same (substrate or workpiece))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 10:31 |
| S66 | 2   | "5995223".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 10:32 |

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| S67 | 2  | "5955223".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/02/02 10:34 |
| S68 | 0  | "5955223".pn. and halftone   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/02/02 10:33 |
| S69 | 0  | "5955223".pn. and (half adj tone)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/02/02 10:33 |
| S70 | 2  | (halftone adj phase adj shift adj<br>blank) and sputter\$5               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/02/02 10:47 |
| S71 | 0  | targets and sputter\$5 and<br>photomask and blank and (silicon<br>or si) | DERWENT   | OR | OFF | 2006/02/02 10:48 |
| S72 | 0  | targets and sputter\$5 and<br>photomask and blank and (silicon<br>or si) | JPO   | OR | OFF | 2006/02/02 10:48 |
| S73 | 33 | targets and sputter\$5 and<br>photomask and blank and (silicon<br>or si) | USPAT   | OR | OFF | 2006/02/02 10:48 |